

How to enter

Beginning **Monday, Nov. 1**, on-line registrations will be accepted at <http://www.ameslab.gov/community/scibowl.html>. The first 48 schools to submit completed applications are eligible for the competition. Schools whose applications are received after the roster is filled will be placed on a waiting list in the event of cancellations.



Urbandale High School won the 2004 Regional Science Bowl Competition.

A look back

2004	Urbandale High School
2003	Washington High School, Cedar Rapids
2002	Cedar Falls High School, Cedar Falls
2001	Ames High School, Ames
2000	Ames High School, Ames
1999	Ankeny High School, Ankeny
1998	Valley High School, West Des Moines
1997	Valley High School, West Des Moines
1996	Ames High School, Ames
1995	Ames High School, Ames
1994	Ames High School, Ames
1993	Ankeny High School, Ankeny
1992	Ankeny High School, Ankeny
1991	Lincoln High School, Des Moines

In 1998, Valley High School went on to win the National Science Bowl championship and received an all-expenses-paid trip to Lindau, Germany, to meet with Nobel Laureates in chemistry.

The costs

There is no registration fee. All teams will be provided lunch on competition day. Ten distant schools will receive two hotel rooms each for the night prior to the event. Schools will be notified if selected.

For more information about the High School Science Bowl, contact:

Steve Karsjen
(515) 294-5643
FAX: (515) 294-3226
karsjen@ameslab.gov

www.ameslab.gov/community/scibowl.html

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High School Science Bowl

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January 29, 2005



AMES LABORATORY

IOWA STATE UNIVERSITY

January 29, 2005

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Brain power

Want to give your school's top science and math students a chance to strut their stuff? Then enter the Regional Science Bowl hosted by the U.S. Department of Energy's Ames Laboratory and Iowa State University.

Science Bowl is a rapid-fire, daylong competition in which high school students answer questions from a wide range of science and math disciplines. The winning team receives an all-expenses-paid trip to the DOE's National Science Bowl.

The 2005 Ames Lab/ISU Regional Science Bowl will take place Saturday, Jan. 29, in ISU's Memorial Union, beginning at 8 a.m.

Form your team

Teams are comprised of up to five students (four members and an alternate) and a teacher who serves as coach. Students must be enrolled for the current school year in grades 9, 10, 11 or 12 at the team's school and must be less than 20 years of age.

Four of the team's five players compete at any one time – regardless of which player has been designated as the alternate. During the intermission or between matches, the coach can substitute a player.

What to study

Science Bowl questions cover a variety of topics: astronomy, biology, chemistry, mathematics, physics, and earth and general sciences. Preparation pays off. Top teams frequently spend months practicing for the event. Sample questions are available at: <http://www.scied.science.doe.gov/nsb/samplqs.htm>.

How to play the game

The Ames Lab/ISU Science Bowl is one of more than 60 regional competitions held throughout the nation. The format is similar to the National Science Bowl. The morning session is a round-robin tournament, with the top 16 teams advancing to the double-elimination competition in the afternoon session.

Each 16-minute match has a two-minute intermission. Questions are read aloud by a moderator. Any player can buzz in to answer a "toss-up" question. Points are awarded for a correct answer, and the team can then answer a bonus question. At the end of the match, the team with the most points wins.

Ames Lab and ISU scientists and staff serve as judges, moderators, timekeepers and scorekeepers.



The awards

Trophies are awarded to the top three teams, with each player receiving an individual award. The winning team advances to the 2005 National Science Bowl, April 28 - May 2 in Washington, D.C.